

US ATLAS HL-LHC Risk Workshop

1:00 – 4:00 pm, May 8, 2017 – Vidyo only

<https://indico.bnl.gov/conferenceDisplay.py?confId=3059>

Goals

The primary goal of the Risk Workshop is to begin the process of aligning our Risk Register with the evolving expectations of the NSF and DOE. The workshop will consist of a series of short discussions on general and specific topics interspersed with exercises to be performed by each attendee on their part of the existing Risk Register.

Attendance

All L2 managers and deputies should attend the workshop (by Vidyo). L3 managers and ICs are strongly encouraged to attend as well. L2 managers/deputies are expected to summarize the workshop to any members of their team who cannot attend.

Workshop Outline

1. Introduction
 - Risk, Uncertainty, and Contingency
 - Steps in the Risk Analysis process
2. Transforming Risk & Uncertainty to Contingency
 - Probability & Impact
 - The Risk Register
 - Primavera Risk Analysis
 - How the Risk Register and the Risk Analysis will be updated
3. Constructing a Uniform Risk Register
 - Risk Expiration Date
 - Form of the Risk Summary
 - Exercise: Risk Summaries to modify

- Mitigations and Responses
 - Exercise: Mitigations and Responses to modify
 - Impacts and how to construct them
 - Exercise: Impacts to modify
 - Technical Impacts
4. Risk Ranking
- The Risk Rank Matrix
5. Risk vs Uncertainty
- Differences between Risks and Uncertainties
 - Uncertainty Categories
 - Exercise: Risks that overlap with Uncertainties
6. External Risks and how to phrase them
- Exercise: Review of external risks
7. The BoEs, the RLS, and the Risk Register
- BoE Assumptions
 - RLS external milestones
 - Exercise: linking BoE assumptions with Risks